

Title (en)

Solar roof member

Title (de)

Sonnendachelement

Title (fr)

Élément de toiture solaire

Publication

EP 0884432 A3 19991208 (EN)

Application

EP 98110679 A 19980610

Priority

JP 15316997 A 19970611

Abstract (en)

[origin: EP0884432A2] In a solar roof member comprising a photovoltaic device (75) encapsulated with an insulating material (73) onto a reinforcing member, the reinforcing member (71) has a joining portion at which an adjoining solar roof member is joined, and a curved portion which is so provided in the reinforcing member as to extend over at least part of the joining portion and through which a lead wire is led out. The solar roof member enables simple roofing without causing wiring mistakes.

IPC 1-7

E04D 13/18; E04D 1/04; E04D 1/06; E04D 1/18

IPC 8 full level

E04D 1/30 (2006.01); **E04D 3/40** (2006.01); **E04D 13/18** (2006.01); **H01L 31/042** (2006.01); **H01L 31/048** (2006.01)

CPC (source: EP KR US)

E04D 1/365 (2013.01 - EP US); **E04D 13/00** (2013.01 - KR); **H01L 31/048** (2013.01 - EP US); **H02S 20/23** (2014.12 - EP KR US); **Y02B 10/10** (2013.01 - EP US); **Y02E 10/50** (2013.01 - EP US)

Citation (search report)

- [X] EP 0768721 A2 19970416 - CANON KK [JP]
- [A] US 5409549 A 19950425 - MORI MASAHIRO [JP]
- [DA] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 03 29 March 1996 (1996-03-29)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0884432 A2 19981216; **EP 0884432 A3 19991208**; **EP 0884432 B1 20050209**; AU 7005998 A 19981217; AU 750265 B2 20020711; CN 1144297 C 20040331; CN 1202561 A 19981223; DE 69828921 D1 20050317; DE 69828921 T2 20060413; JP 3397637 B2 20030421; JP H111998 A 19990106; KR 100276195 B1 20001215; KR 19990006875 A 19990125; US 6311436 B1 20011106

DOCDB simple family (application)

EP 98110679 A 19980610; AU 7005998 A 19980610; CN 98109800 A 19980611; DE 69828921 T 19980610; JP 15316997 A 19970611; KR 19980021653 A 19980611; US 9287298 A 19980608